

Serial No. **10/814,165**
Amdt. dated **September 26, 2008**
Reply to Office Action of **May 21, 2008**

Docket No. **K-0630**

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A hermetic compressor, comprising:
 - a hermetic container having an enclosed space formed therein;
 - a motor part provided in the hermetic container;
 - a compression part coupled to the motor part, wherein the compression part compresses low temperature, low pressure refrigerant into high temperature, high pressure refrigerant;
 - a discharge muffler positioned adjacent to the compression part, wherein the discharge muffler attenuates noise generated by the refrigerant as it is compressed;
 - a pseudo-discharge muffler positioned at a side of the compression part which is opposite a side of the compression part at which the discharge muffler is positioned such that a weight of the pseudo-discharge muffler balances a weight of the discharge muffler;
 - a discharge pipe that extends through a side of the hermetic container;
 - a loop pipe that extends from the discharge muffler to the discharge pipe, wherein refrigerant discharged from the discharge muffler flows through the loop pipe and is discharged from the hermetic container through the discharge pipe, wherein the loop pipe includes a plurality of bent portions; and
 - at least one transit tube coupled to an end of the loop pipe, wherein the at least one

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transit tube surrounds an outer circumferential surface of the end of the loop pipe.

2. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the loop pipe is made of a synthetic resin material and includes a plurality of bends.

3. (Cancelled)

4. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the at least one transit tube comprises a first transit tube coupled to a first end of the loop pipe, at a coupling between the first end of the loop pipe and the discharge muffler, and a second transit tube coupled to a second end of the loop pipe, at a coupling between the second end of the loop pipe and the discharge pipe.

5. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the at least one transit tube is made of a metal material.

6. (Previously Presented) The hermetic compressor as claimed in claim 2, wherein the synthetic resin material is Teflon.

7. (Previously Presented) The hermetic compressor as claimed in claim 2, wherein

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the synthetic resin material has an elastic quality that absorbs vibration generated by the compressor.

8. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the hermetic container includes:

a lower container having a downward hollow; and
an upper container positioned on an upper rim of the lower container so as to form the enclosed space therebetween.

9. (Previously Presented) The hermetic compressor as claimed in claim 8, wherein the lower container has a hole extending through one side to receive the discharge pipe fitted therethrough.

10. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the motor part includes:

a stator provided in a lower portion of the enclosed space formed in the hermetic container;

a rotor rotatably coupled to the stator; and
a rotation shaft that extends through a central portion of the rotor and projects upward from the rotor by a predetermined length.

11. (Previously Presented) The hermetic compressor as claimed in claim 10, wherein the rotation shaft includes an eccentric part provided at a top end thereof, wherein the eccentric part is eccentric from a rotation axis of the rotation shaft.

12. (Previously Presented) The hermetic compressor as claimed in claim 10, wherein the rotation shaft includes a balance weight provided at an upper portion thereof, wherein the balance weight helps to stabilize a rotation speed of the rotation shaft.

13. (Previously Presented) The hermetic compressor as claimed in claim 10, further comprising a plurality of springs provided under the stator, wherein the plurality of springs absorb vibration generated during operation of the compressor.

14. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the compression part includes:

a cylinder having a space formed therein for compressing refrigerant;
a piston that reciprocates along an inner circumferential surface of the space formed in the cylinder;
a valve assembly that controls suction of refrigerant into and discharge of refrigerant from the space formed in the cylinder; and

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a connecting rod that converts a rotation force generated by the motor part into a reciprocating movement transmitted to the piston.

15. (Previously Presented) The hermetic compressor as claimed in claim 14, further comprising a cylinder block positioned over the motor part, wherein the cylinder is provided on one side of an upper surface of the cylinder block, as a single unit with the cylinder block.

16. (Previously Presented) The hermetic compressor as claimed in claim 14, wherein the valve assembly includes a head cover that isolates refrigerant being drawn into the cylinder from refrigerant being discharged from the cylinder.

17. (Cancelled)

18. (Previously Presented) The hermetic compressor as claimed in claim 8, further comprising supporting parts provided on opposite sides of a bottom surface portion of the lower container.

19-20. (Cancelled)

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21. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the at least one transit tube reinforces a coupling between an end of the loop pipe coupled to the discharge muffler, or between an end of the loop pipe coupled to the discharge pipe, so as to prevent breakage of the loop pipe due to vibration generated during operation of the compressor.

22. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the at least one transit tube forms a seal at a coupling between an end of the loop pipe coupled to the discharge muffler, or at an end of the loop pipe coupled to the discharge pipe, so as to prevent heat generated during operation of the compressor from being emitted therethrough.

23. (Cancelled)

24. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the plurality of bent portions of the loop pipe cause the loop pipe and refrigerant flowing therethrough to change direction a corresponding number of times.

25. (Previously Presented) The hermetic compressor as claimed in claim 1, wherein the loop pipe includes a plurality of straight portions extending between the plurality of bent portions.